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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 65,016-046		SERIAL NO. 09/382,702	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Hochstein			
		FILING DATE August 24, 1999		GROUP: 2838	

U.S. PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date
B.V.	1	6	6	2	3	4	8	3/28	Stricker			9/25
	2	5	0	3	5	7	4	4/50	Allen	40	132	5/47
	3	4	2	1	0	0	9	1/69	Caruthers	250	217	6/66
	3	4	5	6	1	5	5	7/69	Buchanan	315	151	4/65
	3	4	7	3	0	8	4	10/69	Dodge	315	151	12/67
	3	5	0	0	4	5	5	3/70	Ross et al.	315	149	7/68
	3	6	1	1	1	7	7	10/71	Helbers	331	46	5/69

FOREIGN PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date
B.V.	7	8	6	7	1	4		7/97	Strobel et al.	G05F	1/565	10/96
	9	1	4	3	9	3	8	6/97	Tetsuo	6		11/95
	9	2	0	4	8	4	3	8/97	Atsuchi	6		1/96
	6	3	1	7	8	2	2	7/88	Fujitsu Ltd.			1/87

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)	
AA	DEFENDANT, ECOULUX, INC.'S ANSWERS TO PLAINTIFF'S INTERROGATORIES NO. 1-12, dated 2/01/99.
AB	PRECISION SOLAR CONTROLS INC.'S ANSWERS AND OBJECTIONS TO RELUME'S INTERROGATORIES TO DEFENDANTS NOS. 1-12, dated 2/01/99.
AC	RESPONSES AND OBJECTIONS OF DEFENDANT DIALIGHT CORPORATION TO PLAINTIFF RELUME CORPORATION'S FIRST SET OF INTERROGATORIES, dated 2/5/99
Examiner	Date Considered <u>3/8/2000</u>

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U.S. PATENT DOCUMENTS																
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date				
APR	3	6	7	0	2	0	2	6/72	Paine et al.	315	297	7/70				
	3	7	0	5	3	1	6	12/72	Burrous et al.	307	311	12/71				
	3	7	8	7	7	5	2	1/74	Delay	315	169	7/72				
	3	8	7	2	3	0	1	3/75	Joppich	250	205	3/74				
	3	8	7	3	9	0	5	3/75	Marek	323	9	3/74				
	3	9	5	2	2	4	2	4/76	Ukai	323	21	6/72				
	3	9	5	9	7	1	1	5/76	Greenhalgh	321	18	12/74				
FOREIGN PATENT DOCUMENTS																
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date				
APR	2	1	4	2	1	3	2		Johnson	43/00	13/00	2/95				
	0	4	7	2	9	6	3	4/92	Sumitomo Electric Industries	33/00	31/167	6/91				
	0	2	9	3	9	2	1	7/88	Miyassaka, Katsuyuki	33/08		3/88				
	3	6	4	4	3	4	7	6/88	Grethen et al.			12/86				
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)																
AD	SUPPLEMENTAL RESPONSES OF LUMILEDS LIGHTING BV, PHILIPS LIGHTING BV, AND HEWLETT-PACKARD COMPANY TO RELUME'S INTERROGATORIES NOS. 1-7, 9 AND 11, dated 4/30/99.															
AE	OBJECTIONS AND RESPONSES OF LUMILEDS LIGHTING BV PHILIPS LIGHTING BV, AND HEWLETT-PACKARD COMPANY TO RELUME'S INTERROGATORIES NOS. 1-13 dated 2/2/99															
APR	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Examiner</td> <td style="width: 40%;">Date Considered</td> </tr> <tr> <td><i>APR</i></td> <td>3/8/2000</td> </tr> </table>												Examiner	Date Considered	<i>APR</i>	3/8/2000
Examiner	Date Considered															
<i>APR</i>	3/8/2000															
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		FILING DATE August 24, 1999		GROUP: 2838								
U.S. PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub-Class	Filing Date
AF	4	0	0	1	6	3	7	1/77	Gray	315	205	6/75
	4	0	1	2	6	8	6	3/77	Heine	323	22	3/71
	4	0	3	7	2	7	1	7/77	Keller	363	21	12/76
	4	0	5	2	6	4	4	10/77	Borejko	315	151	3/76
	4	0	9	0	1	8	9	5/78	Fisler	340	335	5/76
	4	1	0	1	8	0	8	7/78	Flint	315	151	9/75
	4	1	0	9	3	0	7	8/78	Knoll	363	101	5/77
	FOREIGN PATENT DOCUMENTS											
Examiner Initial	Document No.							Date	Name	Class	Sub-Class	Filing Date
AF	3	5	3	5	2	0	4	4/86	Lundstrom			2/85
	63	2	3	1	6	8	7	9/88	Matsushita Electric Ind Co.			3/87
	5	8	5	5	9	5		7/93	Gunnewig			3/92
	0	6	6	0	6	4	8	12/93	Bolger	33/08		12/94
	OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)											
AF	SUPPLEMENTAL RESPONSES OF DEFENDANT PRECISION SOLAR CONTROLS INC.											
	TO RELUME'S FIRS AND SECOND SETS OF INTERROGATORIES dated 6/25/99											
	AND 11, dated 4/30/99.											
AG	SUPPLEMENTAL RESPONSES AND OBJECTIONS OF DEFENDANT DIALIGHT											
	CORPORATION TO PLAINTIFF RELUME CORPORATION'S FIRST AND SECOND SETS											
AF	OF INTERROGATORIES dated 7/31/99											
Examiner <i>AF</i>									Date Considered <i>5/8/2000</i>			
Examiner: Initial if references considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.												

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U.S. PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date
<i>BT</i>	4	1	3	5	1	1	6	1/79	Smith	315	158	1/78
	4	1	8	2	9	7	7	1/80	Stricklin, Jr.	315	158	6/78
	4	1	9	0	7	9	5	2/80	Schultheis	323	17	9/77
	4	1	9	0	8	3	6	2/80	Kimura et al.	340	762	11/77
	4	2	1	1	9	5	5	7/80	Ray	315	053	3/78
	4	2	3	8	7	0	7	12/80	Malissin et al.	315	175	1/79
	4	2	4	7	8	5	4	1/81	Carpenter et al.	340	788	5/79

FOREIGN PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date
	0	4	7	2	9	6	3	4/92	Sumitomo Electric			6/91
	0	6	6	0	6	4	8	06/95	Bolger			12/94
	0	2	9	3	9	2	1	07/88	Miyasaka			3/88
	3	5	3	5	2	0	4	04/88	Nystrom			2/85

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)	
AH	COMPAINT, Case No. 98-72360, filed 98 JUN 9
A	FIRST AMENDED COMPLAINT, Case No. 98-72360, filed Jul 29 98
A	AFFIRMATIVE DEFENSES AND COUNTERCLAIM DEFENDANT, EXCOLUX'S
	ANSWER TO PLAINTIFF'S COMPLAINT, Case No. 98-72360, filed Jul 14 90
AK <i>BT</i>	DEFENDANT ECOULUX'S ANSWER TO PLAINTIFF'S FIRST AMENDED COMPLAINT,
	AFFIRMATIVE DEFENSES AND COUNTERCLAIM, Case No. 98-72360
Examiner <i>BT</i>	Date Considered <i>3/8/2000</i>

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U.S. PATENT DOCUMENTS												
Examiner Initial	Document No.						Date	Name	Class	Sub- Class	Filing Date	
<i>AL</i>	4	2	7	5	3	3	5	6/81	Ishida	315	241	3/80
	4	2	9	8	8	6	9	11/81	Okuno	340	782	6/79
	4	3	1	9	1	6	4	3/82	Tulleners	315	219	2/81
	4	3	2	3	8	9	5	4/82	Coste	340	782	4/80
	4	3	2	9	6	2	5	5/82	Nishizawa et al.	315	158	7/79
	4	3	4	2	9	4	7	8/82	Bloyd	315	199	7/80
	4	3	4	7	4	6	1	8/82	Carlson	315	158	10/80
FOREIGN PATENT DOCUMENTS												
Examiner Initial	Document No.						Date	Name	Class	Sub- Class	Filing Date	
	3	6	4	4	3	4	7	6/88	Grethen			12/86
	2	1	4	2	3	3	2		Johnson (Application Only)			2/95
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)												
AL	DEFENDANT DIALIGHT CORPORATION'S ANSWER, AFFIRMATIVE DEFENSES,											
	AND COUNTERCLAIMS, dated 11/2/98											
AM	DEFENDANT LUMILEDS LIGHTING VB'S ANSWER TO PLAINTIFF'S FIRST											
	AMENDED COMPLAINT, AFFIRMATIVE DEFENSES AND COUNTERCLAIMS, Case No.											
<i>AL</i>	98-723, dated 11/2/98											
Examiner	<i>Bas V</i>						Date Considered <i>3/8/2000</i>					
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U.S. PATENT DOCUMENTS												
Examiner Initial	Document No.						Date	Name	Class	Sub- Class	Filing Date	
<i>PA.</i>	4	5	7	1	5	0	6	2/86	Lisco	307	311	3/84
<i>↓</i>	4	5	8	1	6	5	5	4/86	Ide et al.	358	242	3/84
<i>↓</i>	4	5	8	7	4	5	9	5/86	Blake	315	158	12/83
<i>↓</i>	4	5	9	8	1	9	8	7/86	Fayfield	250	205	5/84
<i>↓</i>	4	6	4	5	9	9	7	2/87	Whited	323	211	3/85
<i>↓</i>	4	6	5	6	3	6	5	4/87	Billings	307	140	7/85
<i>BT</i>	4	6	7	3	8	6	5	6/87	DeLucas et al.	323	222	4/86
FOREIGN PATENT DOCUMENTS												
Examiner Initial	Document No.						Date	Name	Class	Sub- Class	Filing Date	
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)												
<i>AP.</i>	ANSWER, AFFIRMATIVE DEFENSES, AND COUNTERCLAIM OF DEFENDANT											
	PRECISION SOLAR CONTROLS INC dated 11/2/98											
<i>AO.</i>	AMENDED ANSWER, AFFIRMATIVE DEFENSES, AND COUNTERCLAIM OF											
	DEFENDANT PRECISION SOLAR CONTROLS INC, Case No. 98-72360 dated 7/6/99											
Examiner <i>PAV</i>								Date Considered <i>3/8/2000</i>				
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U.S. PATENT DOCUMENTS					
Examiner Initial	Document No.	Date	Name	Class	Filing Date
<i>AR</i>	4 6 7 7 3 6 6	6/87	Wilkinson et al.	323	222 5/86
	4 7 1 2 0 0 0	12/87	Yoshikawa et al.	250	205 10/84
	4 7 1 7 8 6 8	1/88	Peterson	323	288 6/86
	4 7 1 9 5 5 2	1/88	Albach et al.	363	44 11/86
	4 7 2 9 0 7 6	3/88	Massami et al.	362	235 11/84
	4 8 2 5 3 5 1	4/89	Uesugi	363	79 11/87
<i>AR</i>	4 8 3 7 4 9 5	6/89	Zansky	323	222 10/87
FOREIGN PATENT DOCUMENTS					
Examiner Initial	Document No.	Date	Name	Class	Filing Date
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)					
AR <i>AR</i>	NOTICE OF HEARING, Case No. 98-72360, dated 2/4/99				
AS <i>AR</i>	SECOND DECLARATION OF DR. ROBERT W. ERICKSON, PH.D., Case No. 98-72360				
	dated 2/4/99				
Examiner	<i>AR</i>		Date Considered <i>3/8/2000</i>		
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U.S. PATENT DOCUMENTS						
Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date
<i>ML</i>	4 8 4 5 4 8 9	7/89	Hormel	340	811	12/85
	4 8 4 9 6 8 3	7/89	Flolid	323	284	12/88
	4 8 5 5 8 9 0	8/89	Kammiller	363	44	10/88
	4 8 9 1 5 6 9	1/90	Light	323	210	8/82
	4 9 0 2 9 3 6	2/90	Yamada	315	158	5/89
	4 9 2 9 8 7 1	5/90	Gerfast	315	205	9/87
<i>BL</i>	4 9 3 3 6 0 5	6/90	Quazi et al.	315	224	1/88

FOREIGN PATENT DOCUMENTS						
Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)	
AT <i>BL</i>	MEMORANDUM OF LAW IN SUPPORT OF LUMILEDS LIGHTING BV, PHILIPS LIGHTING BV, AND THE HEWLETT-PACKARD COMPANY'S MOTION FOR SUMMARY JUDGMENT OF INVALIDITY FOR OBVIOUSNESS, dated 4/6/99
AU <i>BL</i>	RELUME'S OPPOSITION TO THE MOTION FOR SUMMARY JUDGMENT OF INVALIDITY FOR OBVIOUSNESS OF LUMILEDS LIGHTING BV, PHILIPS LIGHTING BV, PHILIPS LIGHTING BV AND THE HEWLETT-PACKARD COMPANY, dated 4/26/99
Examiner <i>MLV</i>	Date Considered 3-18/2000

Examiner: Initial if references considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS									
Examiner Initial	Document No.	Date	Name	Class	Sub-Class	Filing Date			
	4 9 4 3 9 0 2	7/90	Severinsky	363	80	9/89			
	4 9 5 4 8 2 2	9/90	Borenstein	340	925	9/88			
	4 9 5 8 1 0 8	9/90	Jorgensen	315	307	2/89			
	4 9 6 9 2 8 2	11/90	Eberhart	40	545	12/88			
	4 9 7 0 4 3 7	11/90	Stevens	315	209	7/89			
	4 9 7 4 1 4 1	11/90	Severinsky et al.	363	81	8/89			
	4 9 8 0 8 1 2	12/90	Johnson Jr. et al.	363	44	11/89			

FOREIGN PATENT DOCUMENTS									
Examiner Initial	Document No.	Date	Name	Class	Sub-Class	Filing Date			

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)	
AV	EXHIBITS IN SUPPORT OF RELUME'S OPPOSITION TO THE MOTION FOR SUMMARY JUDGMENT OF INVALIDITY FOR OBVIOUSNESS OF LUMILEDS LIGHTING BV, PHILIPS LIGHTING VB AND THE HEWLETT-PACKARD COMPANY, Case No. 98-72360.
AW	REPLY BRIEF IN SUPPORT OF LUMILEDS LIGHTING BV, PHILIPS LIGHTING BV, AND THE HEWLETT-PACKARD COMPANY'S MOTION FOR SUMMARY JUDGMENT OF INVALIDITY FOR OBVIOUSNESS, dated 5/10/99.
Examiner	Date Considered <u>3/8/2000</u>

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U.S. PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date
<i>BL</i> ↓ <i>BL</i>	4	9	8	2	1	3	9	1/91	Amir et al.	315	151	4/89
	4	9	8	8	8	8	9	1/91	Oughton, Jr.	307	66	7/89
	5	0	0	1	6	2	0	3/91	Smith	363	89	7/89
	5	0	0	3	4	5	4	3/91	Bruning	363	81	1/90
	5	0	0	4	9	4	7	4/91	Nilssen	315	224	10/89
	5	0	0	6	9	7	5	4/91	Neufeld	363	80	11/89
	5	0	0	8	5	9	9	4/91	Counts	315	247	2/90

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OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)	
AX <i>BL</i>	12" LED RED ARROW INDICATION, by McCain Traffic Supply Pgs 3-4.
AY	8" AND 12" LED RED BALL INDICATION, by McCain Traffic Supply Pgs 5-6
AZ	PRACTICAL SWITCHING POWER SUPPLY DESIGN, By Marty Brown Pgs. E11407 - E11426
BA <i>BL</i>	HIGH POWER FACTOR SWITCHING REGULATOR WITH NO RUSH CURRENT by Isao Takahashi and Ricardo Y. Igarashi, Pgs E11427 thru E11434.
Examiner	Date Considered <i>3/8/2000</i>

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Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date
BL	5 0 1 2 1 6 1	4/91	Borowiec et al.	315	247	1/89
	5 0 1 2 1 6 2	4/91	Chun	315	309	4/90
	5 0 1 9 9 5 2	5/91	Smolenski et al.	363	16	11/89
	5 0 2 3 5 2 1	6/91	Sridharan	315	290	12/89
	5 0 3 0 8 8 7	7/91	Guisinger	315	158	1/90
	5 0 4 1 7 6 6	8/91	Fiene et al.	315	219	9/89
BL	5 0 4 5 7 5 8	9/91	Hildebrand	315	151	4/90

FOREIGN PATENT DOCUMENTS						
Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)	
BB BL	A NEW CONTROL STRATEGY TO ACHIEVE SINUSOIDAL LINE CURRENT IN A CASCADE BUCK-BOOST CONVERTER, by Mohammed C. Ghanem et al., Pgs E11435 - E11445
BC	CONDUCTED INTERFERENCE VOLTAGE OF AC-DC CONVERTERS, by M. Albach Pgs E11446 - E11455
BD BL	MOTOROLA SEMICONDUCTOR TECHNICAL DATA, POWER FACTOR CONTROLLERS Pgs #11456 - E11469
Examiner	Date Considered
Mo VL	3/8/2000

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BQ	5 0 4 7 9 1 2	9/91	Pelly	363	89	3/90
	5 0 4 8 0 3 3	9/91	Donahue et al.	372	38	9/90
	5 0 7 5 6 0 1	12/91	Hildebrand	315	291	4/90
	5 0 8 9 7 4 8	2/92	Ihms	315	151	6/90
	5 0 9 5 3 0 5	3/92	Ide et al.	340	780	8/89
	5 1 1 3 3 3 7	5/92	Steigerwald	363	98	2/91
BQ	5 1 3 4 3 4 5	7/92	El-Hamamsy et al.	315	248	10/91

FOREIGN PATENT DOCUMENTS						
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OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)	
BE BQ	MODELING AND SIMULATION OF A DIGITALLY CONTROLLED ACTIVE
	RECTIFIER FOR POWER CONDITIONING, by Ray Hudson Pgs E11470 – E11476
BE	HIGH POWER-FACTOR PREREGULATOR, Pgs E11477 – E11481
BG	DESIGN TRADE-OFFS IN CONTINUOUS CURRENT-MODE CONTROLLED BOOST
	POWER-FACTOR CORRECTION CIRCUITS, by Chen Zhou et al., Pgs E11482 – E11492
BH BV	SINGLE-CHIP CONTROLLER PROVIDES POWER FACTOR CORRECTION FOR 350W
	SUPPLY, by Fernando Martin et al., Pgs E11493 – E11501

Examiner	<i>[Signature]</i>	Date Considered	3/8/2000
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Examiner: Initial if references considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO. 65,016-046		SERIAL NO. 09/382,702						
				APPLICANT: Hochstein								
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				FILING DATE August 24, 1999		GROUP: 2838						
U.S. PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date
BZ	5	1	3	4	3	5	5	7/92	Hastings	323	211	8/91
	5	1	3	5	1	6	0	8/92	Tasaki	235	462	8/90
	5	1	4	6	3	9	8	9/92	Vila-Masot et al.	363	89	8/91
	5	2	1	2	4	2	8	5/93	Sasaki et al.	315	308	9/91
	5	2	3	5	5	0	4	8/93	Sood	363	53	3/91
PA	5	2	5	8	6	9	2	11/93	Jones	315	247	6/92
	5	2	7	2	3	2	7	12/93	Mitchell et al.	250	205	5/92
FOREIGN PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)												
BI	THE UC3823A, B & US3825A, B ENHANCED GENERATION OF PWM CONTROLLERS											
	By Unitrode Integrated Circuits. Pgs E11502 - E11511											
BJ	POWER FACTOR CORRECTION WITH THE UC3854, by Unitrode Integrated Circuits											
	Pgs E11512 - E11522											
BK	HIGH FREQUENCY POWER CONVERSION 1993 CONFERENCE by HARRIS											
	SEMICONDUCTOR, Pgs E11523 - E11533											
BL	A NEW VERY HIGH VOLTAGE SMARTMOS-IC COMBINES POWER FACTOR											
	CONTROL WITH INTERNATIONAL OFF-LINE STARTUP, Pgs E11534 - E11542											
Examiner	Date Considered								3/8/2000			
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Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date
B.P.	5	2	9	3	0	7	7	3/94	Seki et al.	307	10.8	7/92
	5	3	0	9	0	6	2	5/94	Perkins et al.	315	53	5/92
	5	3	1	3	1	8	7	5/94	Choi et al.	340	331	9/90
	5	3	1	7	3	0	7	5/94	Thomas, Jr.	340	815.45	5/92
	5	3	2	1	6	0	0	6/94	Fierheller	363	65	10/92
	5	3	4	0	9	7	4	8/94	Zalewski	250	205	9/91
B.P.	5	3	4	9	1	7	2	9/94	Roustaei	235	472	10/92
FOREIGN PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)												
BM	DESIGN OF POWER FACTOR CORRECTOR FOR THE OFF-LINE ISOLATED											
	BUCK/BOOST CONVERTER BY A VOLTAGE-FOLLOWER TECHNIQUE											
	POWER FACTOR CORRECTION WITH THE UC3854, by Unitrode Integrated Circuits											
	Pgs E11543-E11548											
BN	4.3 TRANSFORMER-ISOLATED SWITCHING POWER SUPPLY TOPOLOGIES,											
	Pgs. E11549 - E11550											
BO	SWITCHED MODE POWER SUPPLIES, By H.W. Whittington et al., Pgs E11551 - E11564											
BP	FILE HISTORY FOR US PATENT: Vila-Masot et al., Patent No.: 5,146,398 Issued: 9/8/92											
Examiner	Date Considered							3/8/2000				
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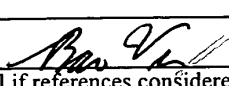
Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 65,016-046		SERIAL NO. 09/382,702	
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U.S. PATENT DOCUMENTS						
Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date
BR	5 3 5 4 9 7 7	10/94	Roustaei	234	472	10/92
	5 3 5 9 2 7 4	10/94	Bandel	323	207	8/92
	5 3 5 9 2 7 6	10/94	Mammano	323	207	5/93
	5 3 6 3 0 2 0	11/94	Chen et al.	315	209	2/93
	5 3 6 7 2 2 3	11/94	Eccher	315	97	10/93
	5 3 7 1 6 7 7	12/94	Nakao et al.	363	124	6/93
BR	5 3 9 1 9 7 6	2/95	Farrington et al.	323	207	7/93

FOREIGN PATENT DOCUMENTS						
Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)	
BQ BR	SOLID STATE OPTICAL DESIGNS SET THE ENCODER PACE, from Control Engineering May 1975 issue. Pgs 40 - 43
BR	LED DRIVER AND PIN DIODE RECEIVER ICS FOR DIGITAL FIBER OPTIC COMMUNICATIONS, SPIE Vol. 150 Laser & Fiber Optics Communications (1978) pgs 169-174
BS	METHODS OF TEMPERATURE STABILIZATION OF LIGHT-EMITTING DIODE RADIATION, Rev. Sci. Instrum. 65 (4), April 1994, American Institute of Physics Pgs 803 -806
BT BR	DIGITALE UBERTRAGUNG MIT LICHTWELLENLEITERN, Elektronik 14/1991, Pgs 66-68
Examiner	Date Considered
Mo Va	3/8/2000

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Examiner Initial	Document No.						Date	Name	Class	Sub- Class	Filing Date	
BV	5	3	9	6	1	5	3	3/95	Shackle	315	247	12/93
	5	4	0	8	4	0	3	4/95	Nerone et al.	363	37	8/92
	5	4	2	0	7	7	9	5/95	Payne	363	56	3/93
	5	4	3	0	6	3	5	7/95	Liu	363	37	12/93
	5	4	3	6	5	2	9	7/95	Bobel	315	127	4/93
	5	4	3	6	5	5	3	7/95	Pepper et al.	323	259	9/93
BV	5	4	3	8	5	8	6	8/95	Ishii et al.	372	50	11/93
FOREIGN PATENT DOCUMENTS												
Examiner Initial	Document No.						Date	Name	Class	Sub- Class	Filing Date	
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)												
BU	DIGITAL DISPLAYS, By R. Stephen, Pages 29 and 31											
BV	LED DRIVER OUTPUT LEVEL CONTROL VIA REFLECTED LIGHT SIGNAL SENSING											
	By IBM, Technical Disclosure Bulletin, Vol. 23 No. 6, November 1980., Pgs 2187 - 2188											
BW	TRI-COLOR LED DRIVE SYSTEM, By IBM, Technical Disclosure Bulletin, Vol. 29, No. 1											
	June 1986, Pages 320 - 321.											
BX	6 TH EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS, by											
	EPE ASSOCIATION, Volume 2, September 20, 1995. Pages 003211 - 003216											
BY	DIGITAL FEEDBACK LIGHT-EMITTING DIODE CONTROL, By IBM, Technical Disclosure											
	Bulletin, Vol 16, No. 8, January 1974, Pages E12064 - E12067											
Examiner								Date Considered				
								3/8/2000				
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U.S. PATENT DOCUMENTS							
Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date	
<i>BZ.</i> 	5 4 4 6 4 4 0	8/95	Gleason et al.	340	331	1/93	
	5 4 4 9 9 8 1	9/95	Auld, Jr. et al.	315	308	2/93	
	5 4 5 9 4 7 8	10/95	Bolger et al.	345	46	12/93	
	5 4 6 3 2 8 0	10/95	Johnson	315	187	3/94	
	5 4 8 9 7 7 1	2/96	Beach et al.	250	205	10/93	
	5 4 9 5 1 4 7	2/96	Lanzisera	315	185	4/94	
<i>BZ.</i>	5 5 1 0 6 8 0	4/96	Nilssen	315	209	12/92	

FOREIGN PATENT DOCUMENTS							
Examiner Initial	Document No.	Date	Name	Class	Sub- Class	Filing Date	

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)	
<i>BZ.</i> 	DESIGN OF POWER CORRECTOR FOR THE OFF-LINE ISOLATED BUCK/BOOST CONVERTER BY A VOLTAGE-FOLLOWER TECHNIQUE, Pg 959-964, CA CONDUCTED INTERFERENCE VOLTAGE OF AC-DC CONVERTERS, Pgs 203- 210 CB ENHANCED HIGH POWER FACTOR PREREULATOR, by Unitrode Integrated Circuits Dated 5/93, Pages 5-226 thru 5-228 CC IMPROVED CURRENT MODE PWM CONTROL, by Unitrode Integrated Circuits, dated 12/92, Pages 5-229 thru 5-236 CD HIGH POWER FACTOR PRERETULATOR, by Unitrode Integrated Circuits, dated 2/93 <i>BZ.</i> Pgs 5-218 thru 5-225
Examiner	Date Considered
<i>Mr. V.</i>	<i>3/8/2000</i>

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U.S. PATENT DOCUMENTS							
Examiner Initial	Document No.	Date	Name	Class	Sub-Class	Filing Date	
<i>BL</i> ↓	5 5 3 2 9 1 8	7/96	Mayrand et al.	363	89	4/94	
	5 5 5 0 4 6 3	8/96	Coveley	323	300	12/94	
	5 5 6 3 7 8 1	10/96	Clauter et al.	363	124	11/93	
	5 5 7 2 1 1 2	11/96	Saeki et al.	323	282	3/95	
	5 5 7 2 4 1 6	11/96	Jacobs et al.	363	89	6/94	
	5 5 8 7 8 9 5	12/96	Harkins	363	89	9/94	
	5 6 1 4 8 1 2	3/97	Wagoner	323	222	6/96	

FOREIGN PATENT DOCUMENTS							
Examiner Initial	Document No.	Date	Name	Class	Sub-Class	Filing Date	

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)	
CE	PRODUCT & APPLICATION HANDBOOK 1993-94 by Unitrode Integrated Circuits Pgs 5-213 thru 5-217
CF	HIGH PERFORMANCE POWER FACTOR PREREGULATOR, By Unitrode Integrated Circuits, dated 1-1/94, Pgs 6-301 thru 6-306
CG	IMPROVED CURRENT MODE PWM CONTROLLER, dated 11/94, Pgs 6-307 thru 6-314
CH	ENHANCED HIGH POWER FACTOR PREREGULATOR, dated 1/95, Pgs 6-295 thru 6-300
CI	HIGH POWER FACTOR PREREGULATOR dated 10/94 by Unitrode Integrated Circuits, Pages 6-287 thru 6-294
CJ	PRODUCT & APPLICATIONS HANDBOOK, 1995 -96, by Unitrode Integrated Circuits

Examiner <i>Bao V.</i>	Date Considered <i>3-8-2000</i>
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U.S. PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date
BT	5	6	1	5	1	0	1	3/97	Moriarty	363	101	12/94
	5	6	3	3	6	2	9	5/97	Hochstein	340	907	2/95
	5	6	3	5	9	0	2	6/97	Hochstein	340	433	11/94
	5	6	3	8	2	6	5	6/97	Gabor	363	89	2/94
	5	6	4	6	5	1	2	7/97	Beckwith	323	257	8/96
	5	6	5	0	6	9	4	7/97	Jayaraman et al.	315	225	3/95
BT	5	6	5	4	7	0	5	8/97	Houten et al.	340	944	9/96

FOREIGN PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)	
CK BT	PWM CONTROLLER CHIP FIXES POWER FACTOR; INCLUDES RELATED ARTICLES
	ON THE ML4812 POWER FACTOR CONTROLLER AND ON REASONS TO CORRECT
	THE POWER FACTOR, by Information Access Company, dated 6/8/89, Pgs 1194011954
CL	FLYBACK POWER FACTOR CONTROLLER, by Micro Linear, dated 5/97, Pgs 8-43 thru 8-53
CM	POWER SUPPLY COOKBOOK, by Motorola, Pgs 195-200
CN	POWER FACTOR CONTROLLERS, by Motorola, Pgs 3-439 - 3-551
CO BT	DIGITAL FEEDBACK LIGHT-EMITTING DIODE CONTROL, by IBM Technical Disclosure
	Bulletin, Vol. 16, No. 8 January 1974, Pgs 2598-2601

Examiner BT	Date Considered 3/8/2000
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U.S. PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date
<i>BE</i>	5	6	6	1	3	7	4	8/97	Cassidy et al.	315	307	8/96
	5	6	6	3	7	1	9	9/97	Deese et al.	349	912	9/95
	5	6	8	4	3	6	8	11/97	Wei et al.	315	302	6/96
	5	7	1	9	4	7	4	2/98	Vitello	315	307	6/96
	5	7	6	4	0	3	9	6/98	Choi et al.	323	322	11/96
	5	7	6	5	9	4	0	6/98	Levy et al.	362	240	10/96
<i>BE</i>	5	7	8	2	5	5	5	7/98	Hochstein	362	373	6/96

FOREIGN PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)	
CP <i>BE</i>	POWER FACTOR CONTROLLER, By Electronics World, Wirless World, date: 12/93 Pgs 1034-1035
CQ	IMPROVED CURRENT MODE PWM CONTROLLER, dated 11/94, Pgs 6-307 - 6-314
CR	HIGH PERFORMANCE POWER FACTOR PREREGULATOR, dated 11/94 Pgs 6-301-6,-306
CS	ENHANCED HIGH POWER FACTOR PREREGULATOR, by Unitrode Integrated Circuits, Pgs 6-295 - 6300
CT <i>BE</i>	HIGH POWER FACTOR PREREGULATOR, by Unitrode Integrated Circuits, dated 10/94, Pgs 6-287 - 6-294

Examiner <i>BE</i>	Date Considered <i>3/8/2000</i>
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U.S. PATENT DOCUMENTS									
Examiner Initial	Document No.	Date	Name	Class	Sub-Class	Filing Date			
<i>B.P.</i>	5 7 8 3 9 0 9	7/98	Hochstein	315	159	1/97			
<i>B.F.</i>	5 7 8 5 4 1 8	7/98	Hochstein	362	373	10/97			

FOREIGN PATENT DOCUMENTS						
Examiner Initial	Document No.	Date	Name	Class	Sub-Class	Filing Date

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)	
<i>C.U.</i>	IMPROVED CURRENT MODE PWM CONTROLLER, by Unitrode Integrated Circuits, Dated 12/92, Pgs 5-229 – 5-236
<i>C.V.</i>	ENHANCED HIGH POWER FACTOR PREREGULATOR, by Unitrode Integrated Circuits, Dated 5/93, Pgs 5-226 – 5-229
<i>C.W.</i>	HIGH POWER FACTOR PREREGULATOR, by Unitrode Integrated Circuits, dated 2/93 Pgs 5-218 – 5-225
<i>C.X.</i>	PWM CONTROLLER CHIP FIXES POWER FACTOR, By Information Access Company, Date June 8, 1989, Pgs 2-4

Examiner <i>[Signature]</i>	Date Considered <i>3/8/2000</i>
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